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Summary Report for Individual Task

031-COM-1042

Protect Yourself from CBRN Injury/Contamination when Changing MOPP using the JSLIST Chemical-Protective Ensemble.

Status: Approved

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Condition: You are in mission-oriented protective posture (MOPP) 4 with individual gear and equipment. Your MOPP gear is contaminated. Your buddy is in MOPP4 with individual gear and equipment, available to assist you with MOPP gear exchange. You have an uncontaminated set of MOPP gear for yourself and your buddy, a personal decontamination kit, a M295 individual equipment decontamination kit (IEDK), FM 3-11.4 and FM 3-11.5, cutting tools, M100 sorbent decontamination system (SDS), an improved chemical-agent monitor (ICAM), three 3-gallon pails, sponges, paper towels, soap, and water. This task will be performed in MOPP4.

Standard: Protect yourself from chemical, biological, radiological, and nuclear (CBRN) injury/contamination when changing MOPP using the JSLIST, by (1) decontaminating individual gear and equipment (without spreading contamination onto your skin or undergarments), (2) setting uncontaminated gear aside on an uncontaminated surface, (3) changing overgarments, overboots, and gloves (without spreading contamination to the uncontaminated set of MOPP gear), and (4) changing MOPP gear (without you or your buddy becoming a casualty).

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP:

Task Statements

Cue: You are in MOPP Level 4 with individual gear and equipment. Your MOPP gear is contaminated. Your buddy is in MOPP 4 with individual gear and equipment, available to assist you with MOPP gear exchange. You have an uncontaminated set of chemical MOPP gear for yourself and your buddy, personal decontamination kit, an M295 individual equipment decontamination kit (IEDK), M100 sorbent decontamination system (SDS), FM 3-11.4 and FM 3-11.5, cutting tools, an improved chemical-agent monitor (ICAM), three 3-gallon pails, sponges, paper towels, soap, and water.

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: Both Soldiers will perform steps 1 and 2 at the same time. If, during the technique, it is suspected that contamination has spread onto their skin or undergarments, both Soldiers will decontaminate immediately with the available IEDK, and then proceed with the MOPP gear exchange.

WARNING

THE JOINT SERVICE, LIGHTWEIGHT, INTEGRATED SUIT TECHNOLOGY (JSLIST) IS DESIGNED TO PROTECT SOLDIERS FROM TRADITIONAL NUCLEAR, BIOLOGICAL, AND CHEMICAL THREATS—NOT THE FULL SPECTRUM OF INDUSTRIAL CHEMICAL HAZARDS.

CAUTION

WHEN REMOVING THE IMPROVED OUTER TACTICAL VEST (IOTV) OVER THE SHOULDER TAKE CARE NOT TO SNAG THE FILTER CANISTER AND BREAK THE SEAL OF YOUR PROTECTIVE MASK.

1. Decontaminate individual gear for chemical or biological contamination without assistance.
 - a. Remove and discard the chemical protective helmet cover.
 - b. Rub the M295 or M100 SDS into the material.
 - c. Shake the excess off gently.
 - d. Set the gear aside on an uncontaminated surface (such as a poncho, a canvas, or similar material).
2. Decontaminate individual gear for radiological contamination without assistance.
 - a. Brush, wipe, or shake off the dust for radiological contamination from the individual gear.
 - b. Wash the equipment with warm, soapy water.
 - c. Set the equipment aside to dry on an uncontaminated surface.
3. Prepare for decontamination.
 - a. Buddy: Remove the M9 paper; untie the bow in the coat retention cord, if tied; unfasten the webbing strip snap at the bottom front of the coat; and release the waist coat retention cord loop.
 - b. Buddy: Loosen the bottom of the coat by pulling the material away from the body.
 - c. Feel for the suspender snap couplers on the outside of the coat, and release the snap couplers.
 - d. Unfasten the hook-and-pile fasteners at the wrist and ankles, and refasten them loosely.
 - e. Unfasten the two strap-and-buckle fasteners on the multipurpose overboots (MULO) and unfasten or cut the fasteners on the black vinyl overboots (BVOs), or untie/cut the laces on the chemical-protective overboots.
4. Decontaminate the mask and hood.
 - a. Chemical or biological contamination.

(1) The buddy uses M295 to decontaminate the exposed parts of the mask, instructing the Soldier to put two fingers on the voicemitter to avoid breaking the seal.

(2) The buddy starts at the eye lens outserts and wipes all exposed parts of the mask.

(3) The buddy wipes the front edge of the hood, including the barrel locks and fasteners under your chin.

(4) The buddy decontaminates his/her gloves in preparation to release the hood seal.

b. Radiological contamination.

(1) The buddy wipes your mask with warm, soapy water.

Note: Cool, soapy water is not as effective for removing contamination, but it can be used if the material is scrubbed longer.

(2) The buddy rinses your mask with a sponge dipped in clean water.

(3) The buddy dries your mask with paper towels or rags.

(4) The buddy decontaminates his/her gloves in preparation to release the hood seal.

5. Doff the chemical-protective coat.

a. The buddy unties the draw cord, if tied, presses the barrel lock release, and unsnaps the barrel locks.

Note: If the buddy has difficulty grasping the barrel locks, use the draw cord to pull the locks away from the mask, allowing the buddy to grasp and unfasten the locks without touching the hood's interior.

b. The buddy unfastens the front closure flap and slides the fastener from the chin to the bottom of the coat.

c. The buddy instructs the Soldier to turn around, grasps the hood, and rolls it inside out (pulling the hood off the Soldier's head).

d. The buddy grasps the coat at the shoulders and instructs the Soldier to make a fist to prevent the chemical-protective gloves from coming off.

e. The buddy pulls the coat down and away from the Soldier, ensuring that the black part of the coat is not touched.

Note: If there is difficulty removing the coat in this manner, pull one arm off at a time.

CAUTION

BOTH SOLDIERS MUST TAKE CARE TO AVOID CONTAMINATING THE INSIDE SURFACE OF THE COAT BECAUSE IT WILL BE USED LATER AS AN UNCONTAMINATED SURFACE TO STAND ON DURING THE DONNING PROCEDURES.

f. The buddy lays the coat on the ground, black side up.

6. Doff the chemical-protective trousers.

a. Unfasten the hook-and-pile fastener tapes at the waistband, unfasten the two front closure snaps, and open the fly slide fastener on the front of the trousers.

b. Buddy: Grasp the trousers at the hips, and pull them down to the knees.

c. Buddy: Have the Soldier lift one leg (with the foot pointed down). With your hand on each side, pull the trousers in an alternating motion until the Soldier can step out of the trouser leg. Repeat the process for the other leg.

CAUTION

BOTH SOLDIERS MUST TAKE CARE TO AVOID CONTAMINATING THEIR CLOTHING AND SKIN.

d. Discard the trousers away from the clean area.

7. Doff the chemical-protective overboots.

a. Buddy: Remove the chemical-protective overboots while the Soldier is standing with his/her arms up, shoulder high, to avoid contaminating the clothing or skin.

Note: The Soldier may put a hand on the buddy for balance, but he/she must then decontaminate the gloves.

b. Stand next to the coat spread on the ground.

c. Remove one overboot by stepping on a heel with one foot while pulling the other foot upward.

d. Buddy: Pull off the Soldier's overboots, one foot at a time.

e. Step on the coat that is spread on the ground as each foot is withdrawn from the overboot.

CAUTION

THE BUDDY MUST TAKE CARE TO AVOID TOUCHING THE SOLDIER'S COMBAT BOOTS. THE SOLDIER MUST TAKE CARE TO AVOID LETTING THE COMBAT BOOTS TOUCH THE GROUND.

f. Discard the overboots away from the clean area.

8. Doff the chemical-protective gloves and liners.

a. Hold the fingertips of the gloves, and partially slide your hand out.

b. Hold your arms away from your body when both hands are free. Let the gloves drop off and away from the black side of the coat.

c. Remove the protective glove inserts.

CAUTION

BOTH SOLDIERS MUST TAKE CARE TO AVOID LETTING THE GLOVES MAKE CONTACT WITH THE COAT THAT IS SPREAD ON THE GROUND.

d. Buddy: Discard the Soldier's chemical-protective gloves and inserts away from the clean area.

9. Don the chemical-protective trousers.

- a. Buddy: Open the package containing the new trousers, but do not touch the inside of the package.
- b. Stand on the uncontaminated surface. Reach into the package, and remove the trousers without touching the outside of the package.
- c. Put on the trousers, close the slide fastener, and fasten the two fly opening snaps. Pull the suspenders over your shoulders, and fasten the snap couplers.
- d. Adjust the length of the suspenders to ensure that you have a comfortable fit in the inseam.

CAUTION

THE SOLDIER MUST TAKE CARE TO ENSURE THAT THE TROUSERS TOUCH ONLY THE UNCONTAMINATED SURFACE.

- e. Adjust the hook-and-pile fasteners at the waistband for a snug fit.

10. Don the chemical-protective coat.

- a. Buddy: Open the package containing the new coat, and have the Soldier reach in and remove the coat. Be careful not to touch the outside of the package.
- b. Don the coat. Close the slide fastener up as far as the chest, and secure the front closure hook-and-pile fastener tape on the front flap as far as the chest.
- c. Pull the bottom of the coat down over the trousers. Grasp the loop on the back of the overgarment coat, pull the loop out and away from the overgarment coat, and bring the loop forward between your legs, pulling on the loop so that the bottom of the coat fits snugly over the trousers.

CAUTION

THE SOLDIER MUST TAKE CARE TO ENSURE THAT HIS/HER BODY AND CLOTHING TOUCH ONLY THE INNER SURFACE OF THE COAT.

- d. Place the loop over the webbing strip on the front of the coat, and fasten the strap on the webbing strip to keep the loop in place. Adjust the retention cord on the coat, if necessary. Tie any excessive cord in a bow.

11. Don the chemical-protective overboots.

- a. Buddy: Open the package containing the new overboots, and have the Soldier remove the overboots, being careful not to touch the outside of the package.
- b. Don the overboots over the combat boots. Adjust and secure the strap-and-buckle fasteners. Pull the trouser legs over the overboots, and secure the two hook-and-pile fastener tapes on each ankle to fit snugly around the overboot.

12. Don the chemical-protective hood.

- a. Put the hood on. Close the front slide fastener on the coat completely, and secure the hook-and-pile fastener tape on the front flap as far as the top of the slide fastener.

WARNING

THE BARREL LOCK RELEASE BUTTON MUST FACE AWAY FROM THE USER WHEN WORN TO PREVENT THE LOCK FROM UNFASTENING AND POSSIBLY EXPOSING THE USER TO CONTAMINATION.

b. Place the edge of the hood around the edge of the mask, and secure the hook-and-pile fastener tape on the hood.

c. Pull the draw cord tight around the edge of the mask, snap the barrel locks together, squeeze both ends of the lock while pulling the draw cord, and slide the barrel lock up under the chin to keep the cord in place.

d. Buddy: Inspect the hood and mask to ensure that the hood is positioned properly, the skin is not exposed, and any excessive draw cord is tied in a bow, without touching the Soldier.

e. Adjust as directed.

Note: If buddy assistance is required for proper adjustment, the buddy decontaminates his/her gloves before touching the Soldier's hood or mask.

13. Don the chemical-protective gloves and liners.

a. Buddy: Open the package containing the new chemical-protective gloves and liners. The Soldier removes the gloves and liners, being careful not to touch the outside of the package.

b. Don the liners and gloves, pull the cuffs of the coat over the chemical-protective gloves, and fasten the hook-and-pile fasteners on each coat sleeve.

c. Put on the M9 chemical-agent detection paper as required by the standing operating procedure (SOP).

14. Reverse roles with the buddy, and repeat steps 3 through 13.

CAUTION

WHEN DONNING THE IOTV OVER THE SHOULDER TAKE CARE NOT TO SNAG THE FILTER CANISTER AND BREAK THE SEAL OF YOUR PROTECTIVE MASK.

15. Secure individual gear.

a. Place a new chemical-protective helmet cover on the helmet, if a personnel armor system, ground troop (PASGT) helmet is used.

b. Use the buddy system to check the fit of the gear.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Setup: Provide the Soldier with the items listed in the task conditions statement. Evaluate this task during field exercises or normal training sessions. Soldiers must be in MOPP4.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Decontaminated individual gear for chemical or biological contamination without assistance.			
2. Decontaminated individual gear for radiological contamination without assistance.			
3. Prepared for decontamination.			
4. Decontaminated the mask and hood.			
5. Doffed the chemical-protective coat.			
6. Doffed the chemical-protective trousers.			
7. Doffed the chemical-protective overboots.			
8. Doffed the chemical-protective gloves and liners.			
9. Donned the chemical-protective trousers.			
10. Donned the chemical-protective coat.			
11. Donned the chemical-protective overboots.			
12. Donned the chemical-protective hood.			
13. Donned the chemical-protective gloves and liners.			
14. Reversed roles with the buddy, and repeated steps 3 through 13.			
15. Secured individual gear.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-11.3	Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Contamination Avoidance	Yes	No
	FM 3-11.4	Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection	Yes	No
	FM 3-11.5	Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination {MCWP 3-37.3; NTTP 3-11.26; AFTTP(I) 3-2.60} (This item is included on EM 0205)	Yes	No
	FM 4-25.11	First Aid	No	No
	TC 3-11-55	JOINT-SERVICES LIGHTWEIGHT INTEGRATED-SUIT TECHNOLOGY (JSLIST)	No	No
	TM 10-8415-220-10	OPERATOR MANUAL FOR JOINT SERVICE LIGHTWEIGHT INTEGRATED SUIT TECHNOLOGY (JSLIST) CHEMICAL PROTECTIVE ENSEMBLE {TM 8415-10/3;SS200-AP-MMO-010}	No	No
	TM 3-4230-235-10	OPERATORS MANUAL FOR DECONTAMINATION KIT, INDIVIDUAL EQUIPMENT: M295 (NSN 6850-01-357-8456) (EIC: Y67) (REPRINTED W/BASIC INCL C1)	No	No
	TM 3-4230-236-10	OPERATORS MANUAL FOR DECONTAMINATION SYSTEM, SORBENT: M100 (NSN 4230-01-466-9095) {TO 11D1-3-12-1; TM 10755A-10}	No	No
	TM 3-4240-346-10	OPERATORS MANUAL FOR CHEMICAL-BIOLOGICAL MASK: FIELD, M40A1 (NSN 4240-01-370-3821-SMALL) (4240-01-370-3822-MEDIUM) (4240-01-370-3823-LARGE); CHEMICAL-BIOLOGICAL MASK: COMBAT VEHICLE, M42A2 (4240-01-4100)	No	No
	TM 3-4240-542-13&P	"Operator and Field Maintenance Manual for Mask, Chemical-Biological: Joint Service General Purpose, Field, M50 PURPOSE, FIELD, M50"	No	No
	TM 3-6665-311-10	OPERATORS MANUAL FOR PAPER, CHEMICAL AGENT DETECTOR: M9 (NSN 6665-01-226-5589) {TO 11H2-2-21}	No	No
	TM 3-6665-343-10	OPERATORS MANUAL FOR IMPROVED CHEMICAL AGENT MONITOR (ICAM) (NSN 6665-01-357-8502) (EIC: 5AB)	No	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning.

Always be alert to ways to protect our environment during training and missions. In doing so you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the

planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Everyone is responsible for safety. A thorough risk assessment must be completed prior to every mission or operation.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
031-COM-1036	Maintain Your Assigned Protective Mask	031 - CBRN (Individual)	Approved
031-COM-1019	React to Chemical or Biological (CB) Hazard/Attack	031 - CBRN (Individual)	Approved
031-COM-1035	Protect Yourself from Chemical And Biological (CB) Contamination Using Your Assigned Protective Mask	031 - CBRN (Individual)	Approved
031-COM-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	031 - CBRN (Individual)	Approved
031-COM-1040	Protect Yourself from CBRN Injury/Contamination with the JSLIST Chemical-Protective Ensemble	031 - CBRN (Individual)	Approved
031-COM-1013	Decontaminate Yourself and Individual Equipment Using Chemical Decontaminating Kits	031 - CBRN (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
031-503-1043	Employ the M100 Sorbent Decontamination System (SDS)	031 - CBRN (Individual)	Approved
031-506-4010	Write the CBRN Portion to Brigade's Tactical Standard Operating Procedures (TACSOP)	031 - CBRN (Individual)	Approved
031-xxx-1061	Decontaminate equipment using the M100 Sorbent Decontamination System (SDS)	031 - CBRN (Individual)	Analysis
031-506-1013	Collect Chemical and Biological Samples	031 - CBRN (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
031-COM-1013	Decontaminate Yourself and Individual Equipment Using Chemical Decontaminating Kits	031 - CBRN (Individual)	Approved
031-COM-1019	React to Chemical or Biological (CB) Hazard/Attack	031 - CBRN (Individual)	Approved
031-COM-1036	Maintain Your Assigned Protective Mask	031 - CBRN (Individual)	Approved
031-COM-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	031 - CBRN (Individual)	Approved
031-COM-1035	Protect Yourself from Chemical And Biological (CB) Contamination Using Your Assigned Protective Mask	031 - CBRN (Individual)	Approved
031-COM-1021	Mark CBRN-Contaminated Areas	031 - CBRN (Individual)	Approved
031-COM-1040	Protect Yourself from CBRN Injury/Contamination with the JSLIST Chemical-Protective Ensemble	031 - CBRN (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
03-2-9312	Conduct Thorough Decontamination	03 - CBRN (Collective)	Approved
03-6-0010	Coordinate CBRNE Operations Support	03 - CBRN (Collective)	Approved
03-3-1004	Plan a Decontamination Mission	03 - CBRN (Collective)	Approved

03-3-1005	Conduct Decontamination Site Selection	03 - CBRN (Collective)	Approved
03-2-9203	React to a Chemical or Biological (CB) Attack	03 - CBRN (Collective)	Approved
03-2-9224	Conduct Operational Decontamination	03 - CBRN (Collective)	Approved